

## AMENDMENTS TO THE CLAIMS

1. (Previously presented) A method of determining and displaying the powers of code channels of a CDMA signal, the powers of the individual code channels being determined and displayed on an output device, characterized by the following method steps:

determining the powers of the individual code channels respectively for an in-phase arm and a quadrature phase arm,

displaying the powers of the code channels of the in-phase arm and/or the powers of the code channels of the quadrature phase arm,

in the representation of the powers of the code channels of the in-phase arm, the powers of those code channels, which are inactive in the in-phase arm but active in the quadrature phase arm, being displayed distinguishably from the powers of the remaining code channels and/or

in the representation of the powers of the code channels of the quadrature phase arm, those code channels, which are inactive in the quadrature phase arm but active in the in-phase arm, being displayed distinguishably from the remaining code channels.

2. (Previously presented) The method according to claim 1,  
characterised in that

those code channels, which are active both in the in-phase arm and in the quadrature phase arm, are displayed in the respective representation of the powers of the code channels of the in-phase arm or respectively of the quadrature phase arm distinguishably from the remaining code channels.

3. (Previously presented) The method according to claim 1 or 2,  
characterised in that

in the representation of the powers of the code channels of the in-phase arm or respectively of the quadrature phase arm for graphic differentiation, the powers of the code channels which are active only in the in-phase arm or respectively only in the quadrature phase arm, the powers of the code channels which are inactive in the in-phase arm or respectively in the quadrature phase arm but active in the quadrature phase arm or respectively in the in-phase arm and/or of the code channels which are active in both arms are displayed respectively distinguishably by colour or graphically.

4. (Currently amended) The method according to claim 1,  
characterised in that

the representation of the powers of the code channels of the in-phase arm and/or of the quadrature phase arm ~~is effected in respectively one diagram~~ are separately displayed.

5. (Currently amended) The method according to claim 1,  
characterised in that

the representation of the powers of the code channels of the in-phase arm and/or of the quadrature phase arm ~~is effected together in one diagram~~ are displayed together.

6. (Previously presented) An analysis device for analysing a CDMA signal, comprising a receiver device for receiving the CMDA signal, a demodulator for demodulating the received signal, a power measuring device for measuring the power of individual code channels, and an output device for displaying the powers measured in the individual code channels,

characterised in that,

by means of the power measuring device, the powers of the code channels for the in-phase arm and for the quadrature phase arm are measured separately from each other and in

that, by means of the output device, the powers of the code channels of the in-phase arm and/or of the quadrature phase arm are displayed,

wherein, by means of the output device, in the representation of the powers of the code channels of the in-phase arm, those code channels, which are inactive in the in-phase arm but active in the quadrature phase arm, are displayed distinguishably from the remaining code channels, and/or

wherein, by means of the output device, in the representation of the powers of the code channels of the quadrature phase arm, those code channels, which are inactive in the quadrature phase arm but active in the in-phase arm, are displayed distinguishably from the remaining code channels.